

## CURRICULUM VITAE – ANTSKE S. FOKKENS

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### PERSONAL INFORMATION

Antske S. Fokkens  
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My main interest lies in methodological aspects of research in Computational Linguistics, where I mainly look at two domains. Currently, my work mainly focuses on methodological aspects when NLP is used as part of research in the humanities and social sciences. In particular, my research focuses on identifying which perspectives are expressed implicitly in text, which can be used to investigate framing or stereotyping. This research is the main topic of my VENI project *Reading between the lines*.

My PhD thesis proposed a new methodology for developing linguistic precision grammars. The main idea of the proposal, storing alternative analyses in a metagrammar so that they may be compared at different stages of the development process, can be applied in any theory. I particularly looked at grammars developed as part of the DELPH-IN consortium in which context open-source HPSG-based grammars are developed. The method is also closely related to the LinGO Grammar Matrix.

### ACADEMIC WORK EXPERIENCE

**2016** → Assistant Professor, Vrije Universiteit, Amsterdam.  
Main Project: Veni-Project *Reading between the Lines* (PI)

**2012-2016** Researcher, Vrije Universiteit, Amsterdam.  
Main Projects: BiographyNet, NewsReader

**2011-2012** Researcher, DFKI GmbH, Project office Berlin.  
Projects: KomParse, META-NET

**2010** Research Intern: Microsoft Powerset.  
Project: Query analysis

**2007-2010** Lecturer and Researcher. Saarland University.  
Topics: Grammar Engineering, Syntactic Theory

**2006-2007** Teaching Assistant. Saarland University (UdS).

**2005-2007** Research Assistant. Saarland University (UdS).

## EDUCATION

**University Teaching Qualification** (2016) Vrije Universiteit Amsterdam.

**PhD Degree in Computational Linguistics. Magna Cum Laude** (2014).

Thesis advisors: Prof. Dr. Hans Uszkoreit (Saarland University, DFKI) and Prof. Dr. Emily M. Bender (University of Washington).

Thesis title: *Enhancing Empirical research for Linguistically Motivated Precision Grammars.*

**Master of Science: Language Science and Technology. With Distinction.**

(2005-2007). Thesis advisor: PD. Dr. Valia Kordoni (Saarland University).

Thesis title: *A Hybrid System for Compound Noun Disambiguation.*

**Maîtrise: Sciences du Langage. Mention: très bien** (2001-2005) Université

Michel De Montaigne, Bordeaux III. Thesis advisor: Prof. Dr. Claude Muller.

Thesis title: *Les SD-adverbiaux en anglais américain*

**Diplôme d'études supérieures de la langue française** (diploma in advanced

French studies) (2000-2001) Maison de DEFLE. Université Michel de Montaigne, Bordeaux III.

**VWO diploma** (high school degree) (1994-2000) Stedelijk Gymnasium Nijmegen.

## GRANTS, AWARDS & PROJECT FUNDING

**2017** Inside the Filter Bubble. NWO/Netherlands eScience Center (244,000 Euro & 250,000 in kind). With Wouter van Atteveldt, Laura Hollink, Damian Trilling, Judith Möller, Kasper Welbers and Natali Helberger (main author NLP work package).

**2017** Discriminerende microportretten van moslims in politieke berichtgeving. Stichting Democratie en Media: initiatief tegen moslimdiscriminatie (19,242 Euro). With Nel Ruigrok, Sarah Gagenstein and Wouter van Atteveldt (main author technological component and method).

**2017** The History of Human Capital (HHu'CAP). CLARIAH Pilot Research Project (60,000 Euro). With Richard Zijdemans, Auke Rijpma and Martijn Kleppe (main author technological component).

**2017** Onderzoeksproject leeftijdsdiscriminatie in vacatureteksten. Project for creating software that detects age discrimination (20,322 Euro). Funded by 'College voor Rechten van de Mens' (The Netherlands Institute for Human Rights). With Camiel Beukeboom.

**2017** A linguistic and behavioral assessment of a possible generic optimistic bias in individuals. Network Institute Academy Assistants (8,000 Euro). Together with Jaap Ouwerkerk.

**2016** Onderzoeksproject leeftijdsdiscriminatie in vacatureteksten. Ministerie van Sociale Zaken. Werkgelegenheid (50,000). With Camiel Beukeboom.

**2016** Dutch Extensible Semantic Infrastructure for Digital Explorative Reading (DESIDERIA). KNAW Road map, Grootschalige Onderzoeksfaciliteiten. and Information Architecture. Proposal co-author (main author NLP subproject).

**2015** Reading between the lines. Identifying implicit perspectives. VENI scholarship (250,000 Euro). Personal Grant.

- 2015** Identifying implicit stereotypical view in natural language through automatic linguistic analyses. Network Institute Academy Assistants (8,000 Euro). Together with Camiel Beukeboom.
- 2014** Political Discourse in the News. Network Institute Academy Assistants (8,000 Euro). Together with Wouter van Atteveldt.
- 2014** Time will tell a different story. Network Institute Academy Assistants (8,000 Euro). Together with Serge ter Braake.
- 2014** Visualizing Uncertainties and Perspectives. Netherlands eScience Grant (125,000 Euro). Main author together with Piek Vossen and Inger Leemans.
- 2013** Can we handle the news? Enlighten Your Research Prize (approximately 100,000 Euro). Main author with Piek Vossen.
- 2007** International Research Training Group (IRTG) and Program in Research and Education (PIRE): PhD Scholarship.

#### COURSES TAUGHT

- 2014, 2015, 2016, 2017** Text mining for digital humanities and Social Science. Lecturer and in 2015-2016 coordinator, course design.  
This course (previously known as ‘Annotation by Humans and Machines’ and ‘Deep interpretation by Humans and Machines’) covers the basic methodological aspects of systematic text analysis through human annotation and automatic methods. Co-taught with Isa Maks, Tommaso Caselli, Anca Dumitrache, Lora Aroyo and Piek Vossen.
- 2016, 2017** Machine Learning for NLP. Lecturer, support course design. Course coordinator in 2017.  
This course introduces machine learning as applied in natural language processing. Both classic and currently popular approaches are covered as well as main methodological aspects. Co-taught with Tommaso Caselli (coordinator)
- 2016** NLP Technologies. Course design, coordinator and lecturer.  
This course (previously known as ‘NLP Toolkits’) introduces Natural Language Processing as a research field. The necessary basics of linguistics and computer science needed to understand and work on research in this field are covered. Co-taught with Tommaso Caselli and Roser Morante.
- 2013,2014** Introduction to Python. Course design and lecturer.  
A basic introduction to Python for students (and researchers) with a non-technical background. Co-taught with Marten Postma.
- 2013** Tutorial Research in NLP. Course design and lecturer.  
This course walked students step by step through the process of carrying out an experiment leading to a research paper in NLP. Co-taught with Marten Postma and Marieke van Erp.
- 2008, 2009, 2010** Grammar Formalisms. Lecturer in 2010, exercise instructor in 2009, 2008.  
BSc Course (in German) that introduces formal grammars and syntax to computational linguists. Co-taught with Prof. Dr. Hans Uszkoreit, PD. Dr. Valia Kordoni and Judith Köhne.
- 2008, 2009, 2010** Introduction to Computational Morphology. Lecturer.  
A 4-hours lecture as part of an MSc Introduction Course.

**2009-2010** Syntactic Theory. MSc Course. Course design and lecturer.  
This course introduces the several syntactic theories used in computational linguistics: dependency grammars, LFG, TAG and HPSG. Co-taught with Dr. Yi Zhang.

**2006-2007** Introduction to Computational Linguistics. Teaching assistant. BSc Course (in German) that provides a first introduction to computational linguistics. Instructors: Prof. Dr. Manfred Pinkal and Prof. Dr. Sebastian Pado.

#### SUPERVISION

**PhD thesis** Minh Le. Daily Supervisor. Started September 2014. Topic: tackling error propagation in NLP.

Philippine Waisvisz (external PhD). Co-supervisor since December 2016. Topic: Process and Motivation Mining.

Pia Sommerauer. Co-supervisor. Started September 2017. Topic: Distributional Semantic Models

#### **MA theses**

Pia Sommerauer. Topic: investigating conceptual change using distributional semantics. Completed 2017.

Chantal van Son. Towards a Dutch FrameNet-Style Semantic Role Labeler. Completed 2015.

#### **MSc thesis**

Irina Borisova. Implementing Georgian Polypersonal Agreement through the LinGO Grammar Matrix. Completed 2010.

#### **Honours Students**

##### **Identifying Stereotyping in Text**

Johanna Kastzi (September 2017 - present)

Christopher Minnet (September 2017 - present)

#### **Student Assistants**

##### **Linguistic and behavioral assessment**

Suzana Bacis (September 2017 - present)

##### **Age Discrimination Detection**

Marjolein Verheijen (October 2017 - February 2018)

##### **Reading between the lines**

Sjoerd Huiskamp and Mike Megens (September 2016 - present)

Amy Gomersbach (September 2016 - August 2017)

Catalina Oslobanu (May 2017 - August 2017)

Wilbur Truijens (September 2016 - April 2017)

##### **Investigating expressions of Stereotypical bias**

Pia Sommerauer (September 2015 - January 2017)

##### **Investigating Political Discourse in the News**

Carlotta Casamassima (September 2014 - June 2015)

##### **Investigating Mining of Biographical Data**

Yassine Karimi (September 2014 - June 2015)

##### **Analyzing Opinions in the News**

Chantal van Son (January 2014 - June 2014)

- 2007-present** Member of the DELPH-IN initiative (international collaboration for natural language processing with HPSG).
- 4 August 2017** Teacher (introduction to NLP) at the Zurich Summer School for Women in Political Methodologies. Zürich, Switzerland.
- 8 June 2017** Panel member: Unhinging the National Framework: Diaries and the Digital. International AutoBiography Association (IABA) Conference. London, United Kingdom.
- 27-28 April 2017** Invited participation. International Meeting of Network: Navigating Knowledge Landscapes. Halden, Norway.
- 9-10 March 2017** Invited Speaker at 'From Qualitative to Quantative Research' Conference. Ajou University, Suwon, Korea.
- 16 November 2016** Keynote speaker at SWE-CLARIN Workshop. Umeå, Sweden.
- 17-19 October 2016** Invited Research visit. Biographical data consultancy. Austrian Academy of Sciences, Vienna, Austria.
- 26 September 2016** Guest speaker at *CRETA-Werkstatt*, University of Stuttgart, Germany.
- 23 September 2016** Keynote speaker at the LAP-launch, Oslo, Norway.
- 22 January 2016** Invited presentation and panel member (representing BiographyNet). Oxford University, United Kingdom.
- 26 November 2015** Invited presentation and panel member (representing NewsReader). Leuven University, Belgium.
- 12 November 2010** Invited talk. Using Grammar Customization for Analysis Comparison. University of Washington, Seattle, United States.
- 27 August 2010** Presentation at the Berkeley Syntax Circle. UC Berkeley, United States.
- Aug-Nov 2010** Research Internship. Microsoft Powerset. San Francisco, United States.
- Jan-March 2009** Exchange as part of the IRTG/PIRE program. Brown University, Providence, United States.
- Sep-Nov 2008** Exchange as part of the IRTG/PIRE program. University of Washington. Seattle, United States.
- 22 January 2007** Invited presentation: Aspects of Grammar: from theory to computation in Germanic language investigation. Rijksuniversiteit Groningen, the Netherlands (from Germany).
- Aug 2004-June 2005** EAP: Undergraduate Exchange Program. University of California, Berkeley, United States.
- Feb-July 2005** Free-mover exchange semester Saarland University. Saarbrücken, Germany.

## ORGANIZATION

**2017** Workshop Muslim Stereotyping. 20 October 2017. Public workshop to discuss outcome of research on stereotyping of Muslims in the Media. Co-organizer. Leiden, the Netherlands.

Language, Knowledge and People in Perspectives. April 2017. International Workshop at the Lorentz center. Scientific Co-organizer. Leiden, The Netherlands.

BD2017: Conference on Biographical Data in a Digital World. Member of scientific organization team. Linz, Austria.

Navigating Knowledge Landscape Symposium. Co-organizer. Amsterdam, The Netherlands.

**2016** Biographical Data Workshop: modeling, sharing and analyzing people's lives. Workshop at the Annual Digital Humanities Conference. 11 July 2016. Initiator and Main organizer. Krakow, Poland.

**2015** CLIN26: Computational Linguistics in the Netherlands. 18 December 2015. Main organizer with Roser Morante. Conference with 150 participants. Amsterdam, The Netherlands.

BD2015: Conference on Biographical Data in a Digital World. Initiator and Main organizer with Serge ter Braake. Amsterdam, the Netherlands.

**2014** Workshop on using NLP for historical research. Main organizer with Serge ter Braake. Amsterdam, the Netherlands.

Workshop on modeling perspectives (NewsReader internal Workshop). Main organizer and chair. Amsterdam, the Netherlands.

**2010** Local organizer of DELPH-IN Summit 2010 Paris.

**2006** TaCoS 2006 (student conference in computational linguistics). Co-organizer.

## JOURNAL PUBLICATIONS

Piek Vossen, Rodrigo Agerri, Itziar Aldabe, Agata Cybulska, Marieke van Erp, Antske Fokkens, Egoitz Laparra, Anne-Lyse Minard, Alessio Palmero Aprosio and German Rigau (2016) NewsReader: using knowledge resources in a cross-lingual reading machine to generate more knowledge from massive streams of news. In: *Knowledge-Based Systems*, ScienceDirect, Elsevier BV.

Marco Rospocher, Marieke van Erp, Piek Vossen, Antske Fokkens, Itziar Aldabec, German Rigau, Aitor Soroa, Thomas Ploeger, Tessel Bogaard (2016) Building event-centric knowledge graphs from News, in: *Journal Web Semantics: Science, Services and Agents on the World Wide Web*, Elsevier.

Miel Groten, Serge ter Braake, Yassine Karimi and Antske Fokkens (2016) Johan de Witt. De omstreden republikein, *Leidschrift 31* (2016) vol 2, 59-73.

Emily M. Bender, Scott Drellishak, Antske Fokkens, Laurie Poulson, and Safiyyah

Saleem (2010) Grammar Customization. In: *Research on Language and Computation*. 8(1):23-72.

BOOK CHAPTER      Antske Fokkens, Serge ter Braake, Niels Ockeloen, Piek Vossen, Susan Legêne, Guus Schreiber, Victor de Boer. BiographyNet: Extracting Relations Between People and Events. In: Á. Z. Bernád, C. Gruber, M. Kaiser eds., *Europa baut auf Biographien: Aspekte, Bausteine, Normen und Standards für eine europäische Biographik* (New Academic Press 2017, ISBN: 978-3-7003-2069-2). p. 193-224.

CONFERENCE  
PUBLICATIONS (FULL  
PAPER REVIEW)      Minh Le and Antske Fokkens (2017) Tackling Error Propagation through Reinforcement Learning: A Case of Greedy Dependency Parsing. Proceedings of the European chapter of the Association for Computational Linguistics (EACL2017). Valencia, Spain.

Minh Le and Antske Fokkens (2015) Taxonomy beats corpus in similarity identification, but does it matter? In: *Proceedings of Recent Advances in NLP. RANLP2015*.

Antske Fokkens, Marieke van Erp, Marten Postma, Ted Pedersen, Piek Vossen and Nuno Freire (2013) Offspring from Reproduction Problems: What Replication Failure Teaches Us. In: *Proceedings of ACL 2013, Sofia, Bulgaria, August 2013*.  
**Runner up for the best paper award**

Marieke van Erp, Antske Fokkens, Piek Vossen, Sara Tonelli, Willem Robert Van Hage, Luciano Serafini, Rachele Sprugnoli and Jesper Hoeksema (2013) Denoting Data in the Grounded Annotation Framework. *ISWC 2013 Posters and Demos*. Sydney Australia, 21-25 October 2013.

Antske Fokkens, Yi Zhang and Emily M. Bender (2011) Spring Cleaning and Grammar Compression: Two Techniques for Detection of Redundancy in HPSG Grammars. In: *Proceedings of the 25th PACLIC*, Singapore.

Antske Fokkens (2011) Metagrammar Engineering: Towards systematic exploration of implemented grammars. In: *Proceedings of ACL-HLT 2011* pp.1066-1076.

CONFERENCE  
PUBLICATIONS  
(EXTENDED ABSTRACT  
REVIEW)      Antske Fokkens, Nel Ruigrok, Camiel Beukeboom, Sarah Gagenstein and Wouter van Attveldt (2018) Studying Muslim Stereotyping through Microportrait Extraction. In: *Proceedings of the 11th edition of the Language Resources and Evaluation Conference (LREC2016)*, Miyazaki, Japan. May 7-12 2018.

Minh Le and Antske Fokkens (2018) Neural Models of Selectional Preferences for Implicit Semantic Role Labeling. In: *Proceedings of the 11th edition of the Language Resources and Evaluation Conference (LREC2016)*, Miyazaki, Japan. May 7-12 2018.

Mathijs Kattenberg, Zuhaitz Beloki, Aitor Soroa, Xabier Artola, Antske Fokkens, Paul Huygen and Kees Verstoep (2016) Two architectures for parallel processing for huge amounts of text. In: *Proceedings of the 10th edition of the Language Resources and Evaluation Conference (LREC2016)*, Portorož, Slovenia, May 23-28 2016.

Chantal van Son, Tommaso Caselli, Antske Fokkens, Isa Maks, Roser Morante,

Lora Aroyo and Piek Vossen (2015) A multi-layered annotation scheme for perspective. In: *Proceedings of the 10th edition of the Language Resources and Evaluation Conference (LREC2016)*, Portorož, Slovenia, May 23-28 2016.

Serge ter Braake and Antske Fokkens (2015) How to Make it in History. Working towards a Methodology of Canon Research with Digital Methods. In: *Proceedings of the first conference on Biographical Data in a Digital World (BD2015)*.

Antske Fokkens, Serge Ter Braake, Niels Ockeloen, Piek Vossen, Susan Legêne and Guus Schreiber (2014) BiographyNet: Methodological Issues when NLP supports historical research. In: *Proceedings of the 9th edition of the Language Resources and Evaluation Conference (LREC)*, Reykjavik, Iceland, May 2014.

Chantal van Son, Marieke van Erp, Antske Fokkens and Piek Vossen (2014) Hope and Fear: How Opinions Influence Factuality, in: *Proceedings of the 9th Language Resources and Evaluation Conference (LREC)*, Reykjavik, Iceland, May 2014.

Antske Fokkens, Tania Avgustinova and Yi Zhang (2012) CLIMB grammars: three projects using metagrammar engineering. In: *Proceedings of the 8th LREC*, Istanbul, Turkey.

WORKSHOP  
PUBLICATIONS (FULL  
PAPER REVIEW)

Antske Fokkens, Piek Vossen, Marco Rospocher, Rinke Hoekstra and Willem van Hage. GRaSP: Grounded Representation and Source Perspective. *Proceedings of Knowledge Resources for Social Science and Humanities*. Varna, Bulgaria.

Maarten van Meersbergen, Piek Vossen, Janneke van der Zwaan, Antske Fokkens, Willem van Hage, Inger Leemans and Isa Maks. Storyteller: Visual Analytics of Perspectives on Rich Text Interpretations. *Proceedings of NLP meets Journalism*. Copenhagen, Denmark.

Antske Fokkens, Serge ter Braake, Isa Maks, and Davide Ceolin (2016) On the Semantics of Concept Drift: Towards Formal Definitions of Semantics Change. In: *Proceedings of Drift-a-LOD*. Bologna, Italy.

Serge ter Braake, Antske Fokkens, Niels Ockeloen and Chantal van Son (2016) Digital History: Towards New Methodologies. In: *Proceedings of the 2nd IFIP International Workshop on Computational History and Data-driven Humanities*. Dublin, Ireland.

Chantal van Son, Tomasso Caselli, Antske Fokkens, Isa Maks, Roser Morante, Lora Aroyo, and Piek Vossen (2016) Unshared Task at the 3rd Workshop on Argument Mining: perspective based local agreement and disagreement in online debate. In: *Proceedings of the 3rd Workshop on Argument Mining co-located with ACL2016*, Berlin, Germany

Janneke van der Zwaan, Maarten van Meersbergen, Antske Fokkens, Serge ter Braake, Inger Leemans, Erika Kuijpers, Piek Vossen and Isa Maks (2016) Storyteller: Visualizing Perspectives in Digital Humanities Projects. In: *Proceedings of the 2nd IFIP International Workshop on Computational History and Data-driven Humanities*. Dublin, Ireland.



Rodrigo Agerri, Itziar Aldabe, Egoitz Laparra, German Rigau, Antske Fokkens, Paul Huijgen, Rodrigo Izquierdo, Marieke van Erp, Piek Vossen, Anne-Lyse Minard and Bernardo Magnini (2016) Multilingual Event Detection using the News-Reader Pipelines. In: Proceedings of the Cross-Platform Text Mining and Natural Language Processing Interoperability workshop co-located with the 10th edition of the Language Resources and Evaluation Conference (LREC2016), Portorož, Slovenia.

Tommaso Caselli, Piek Vossen, Marieke van Erp, Antske Fokkens, Filip Ilievski, Ruben Izquierdo Bevia, Minh Le, Roser Morante, and Marten Postma (2015) When it's all piling up: investigating error propagation in an NLP pipeline. In: *Proceedings of the Workshop NLP Applications: completing the puzzle. WNACP2015*.

Serge ter Braake, Antske Fokkens and Fred van Lieburg (2014) Mining Ministers (1572-1815). Using semi-structured data for historical research. In: *Proceedings of the 2nd International Workshop on Histoinformatics*. Barcelona.

Antske Fokkens, Aitor Soroa, Zuhaitz Beloki, Niels Ockeloën, German Rigau, Willem Robert van Hage and Piek Vossen (2014) NAF and GAF: Linking Linguistic Annotations. In: *Proceedings of the 10th Joint ACL ISO Workshop on Interoperable Semantic Annotation*, Reykjavik, Iceland, May 2014.

Marieke van Erp, Antske Fokkens and Piek Vossen (2014) Finding Stories in 1,784,532 Events: Scaling up computational models of narrative. In: *Workshop on Computational Models of Narrative (CMN2014)*. Quebec City, Canada, July 31- August 2.

Andoni Azpeita, Alexandra Balahur, Montse Cuadros, Antske Fokkens and Ruben Izquierdo (2014) The Snowball effect: following opinions on controversial topics. In: *Proceedings of OpeNER Hackathon*. Reykjavik, Iceland, May 2014

Niels Ockeloën, Antske Fokkens, Serge ter Braake, Piek Vossen, Victor de Boer, Guus Schreiber and Susan Legêne (2013) BiographyNet: Managing Provenance at multiple levels and from different perspectives. In: *Proceedings of the Workshop on Linked Science (LiSC) at ISWC 2013*, Sydney, Australia.

Antske Fokkens, Marieke van Erp, Piek Vossen, Sara Tonelli, Willem Robert van Hage, Luciano Serafini, Rachele Sprugnoli and Jesper Hoeksema (2013) GAF: A Grounded Annotation Framework for Events. *The 1st Workshop on Events: Definition, Detection, Coreference, and Representation. Workshop in conjunction with NAACL-HLT 2013*, Atlanta, GA, USA, June 2013.

Thomas Ploeger, Maxine Kruijt, Lora Aroyo, Frank de Bakker, Ina Hellsten, Antske Fokkens, Jesper Hoeksema and Serge ter Braake (2013) Extractivism: Extracting activist events from news articles using existing NLP tools and services. In: *Proceedings of DeRIVE 2013*.

Antske Fokkens and Emily M. Bender (2013) Time Travel in Grammar Engineering. Using a Metagrammar to Broaden the Search Space. In: *Proceedings of High-level Methodologies for Grammar Engineering 2013. Düsseldorf, Germany*.

Antske Fokkens and Tania Avgustinova (2013) SlaviCLIMB: Combining expertise for Slavic grammar development using a metagrammar. In: *Proceedings of High-level Methodologies for Grammar Engineering 2013. Düsseldorf, Germany*.

OTHER PUBLICATIONS Antske Fokkens, Roser Morante and Piek Vossen (2016) Preface. In *Computational Linguistics in the Netherlands Journal*. CLIN. December 2016.

Serge ter Braake, Antske Fokkens, Ronald Sluijter, Thierry Declerck and Eveline Wandl-Vogt Introduction to BD2015. In: *Proceedings of the first conference on Biographical Data in a Digital World (BD2015)*. Amsterdam, 9 April 2015.

Tommaso Caselli, Antske Fokkens, Roser Morante, and Piek Vossen (2015) SPINOZA VU: An NLP Pipeline for Cross Document TimeLines. *Proceedings of the International Workshop on Semantic Evaluation SemEval-2015, NAACL 2015*.

Antske Fokkens, Aitor Soroa, Zuhaitz Beloki, German Rigau, Willem Robert van Hage and Piek Vossen (2014) NAF: the NLP Annotation Format. Technical report. NWR-2014-3. VU University Amsterdam.

Sally Wyatt and David Millen (eds.) (2014) Meaning and Perspectives in the Digital Humanities. A White Paper for the establishment of a Center for Humanities and Technology (CHAT). Contributing authors: Lora Aroyo, Rens Bod, Antal van den Bosch, Irene Greif, Antske Fokkens, Charles van den Heuvel, Inger Leemans, Susan Legêne, Mauro Martino, Nat Mills, Merry Morse, Michael Muller, Maarten de Rijke, Steven Ross, Piek Vossen, Chris Welty

Jan Kleinnijenhuis, Wouter van Atteveldt and Antske Fokkens (2014) Chicken or Egg? The reciprocal influence of press and politics. Included in: *The NLP unshared task in PoliInformatics*. All papers published together with reviews.

Antske Fokkens, Emily M. Bender and Varya Gracheva (2012) LinGO Grammar Matrix Customization System Documentation.

Antske Fokkens (2010) Documentation for the Grammar Matrix word order library. Technical report, Saarland University.

EDITORIAL WORK Antske Fokkens, Roser Morante and Piek Vossen (2016) *Computational Linguistics in the Netherlands Journal*. proceedings CLIN. December 2016.

Serge ter Braake, Antske Fokkens, Ronald Sluijter, Thierry Declerck and Eveline Wandl-Vogt (2015) *Proceedings of the first conference on Biographical Data in a Digital World (BD2015)*. Amsterdam, 9 April 2015.

TUTORIALS **2014** Serge ter Braake, Antske Fokkens and Niels Ockeloën. BiographyNet: from text to Linked Data for historical research. As part of: *Crash Course in Digital Humanities*

**2010** Emily M. Bender and Antske S. Fokkens. The LinGO Grammar Matrix: Rapid Grammar Development for Hypothesis Testing. 7 July 2010. Tutorial

at HPSG 2010. Paris, France.

Emily M. Bender, Antske S. Fokkens and Safyyah Saleem. Grammar Customization with the LinGO Grammar Matrix. 17 May 2010. Tutorial at LREC 2010, Valetta, Malta.

INVITED TALKS AT  
INTERNATIONAL  
VENUES IN THE  
NETHERLANDS

**2017** Antske Fokkens. An introduction to distributional semantics. Invited Presentation. Reading Like A Human Workshop. 7-8 December 2017. Amsterdam.

Antske Fokkens. Drifting distributions? Possibilities and risks of using distributional semantics for studying concept drift. Keynote presentation. Drift-a-LOD Workshop. 11 September 2017. Semantics Conference, Amsterdam.

**2016** Antske Fokkens. Reading between the Lines. Symposium Network Institute - Southampton exchange, Amsterdam, The Netherlands.

NATIONAL INVITED  
TALKS

**2017** Antske Fokkens. Deep Analysis: Reflections on experimental design in NLP. CLS Speaker Series, 15 May 2017 University of Amsterdam.

Antske Fokkens and Willem R. van Hage. GRaSP and NAF: Linking Linguistic Annotations. Linked-Data for Linguistic Research workshop. 6 February 2017 Utrecht University.

**2016** Antske Fokkens. Beyond the f-score: evaluation in NLP. TiCC Colloquium, 30 November 2016 Tilburg University.

Antske Fokkens. Concept Drift a CL perspective. DESIDERIA Workshop. 22 November 2016, Vrije Universiteit.

Antske Fokkens and Piek Vossen. Approaches to NLP. Watson Meetup. 16 March 2016. Utrecht, the Netherlands

**2015** Antske Fokkens. Political Discourse in the news. Symposium: Digital historic newspapers as “big data”. Koninklijke Bibliotheek, The Hague.

**2014** Serge ter Braake and Antske Fokkens. God in Nederland 3.0, Amsterdam, Een nieuwe prosopografie van predikanten: mogelijkheden en valkuilen van DH-tools.

Guus Schreiber, Antske Fokkens, Niels Ockeloen and Serge ter Braake. BiographyNet: linking the world of history. Presentation at Huygens ING, The Hague.

**2013** Antske Fokkens. Replicating Research. 4 July 2013. Network Institute Annual Event, Amsterdam.

**2011** Exploring Parallel Analyses using Metagrammars. 19 September 2011, Heinrich Heine Universität Düsseldorf. (from Berlin)

SELECTED  
PRESENTATIONS  
(OTHER)

- 2018** Antske Fokkens, Nel Ruigrok, Sarah Gagenstein, Wouter van Atteveldt and Camiel Beukeboom. Microportrait detection for identifying stereotypes in Dutch News. At: Computational Linguistics in the Netherlands (CLIN28). Nijmegen, the Netherlands.
- 2017** Antske Fokkens. Introduction to NLP. Lorentz Workshop: Language Knowledge and People in Perspectives, Leiden, The Netherlands
- Antske Fokkens, Auke Rijpma en Richard Zijdeman. HHuCap: The History of Human Capital. System demo. DHBenelux. Utrecht, The Netherlands.
- 2016** Antske Fokkens. Reading Between the Lines. 16 June 2016. DELPH-IN summit. Palo Alto, USA.
- 2015** Chantal van Son, Marieke van Erp, Antske Fokkens, Paul Huygen, Ruben Izquierdo Bevia and Piek Vossen “Details from a distance? A Dutch pipeline for event detection”, the 26th Meeting of Computational Linguistics in the Netherlands (CLIN26), Amsterdam, the Netherlands, December 18, 2015.
- Tommaso Caselli, Antske Fokkens, Roser Morante, Piek Vossen: “What happened to...?” Entity-based Timeline Extraction, 25th Meeting of Computational Linguistics in the Netherlands (CLIN2015), February 5-6, 2015, University of Antwerp, Belgium.
- 2014** Antske Fokkens. The Grammar Matrix in Individual Grammars (What is Used, What has been Changed) . 15 July 2014 DELPH-IN Summit. Tomar, Portugal.
- 2013** Antske Fokkens. Linked Open Data and DELPH-IN. 29 July 2013. DELPH-IN Summit, St. Wendel, Germany.  
Antske Fokkens. CLIMB Update. 30 July 2013. DELPH-IN Summit, St. Wendel, Germany.
- 2012** Antske Fokkens. CLIMB: Code Generation for Grammar Development . 2 July 2012.
- 2011** Antske Fokkens. Metagrammar Engineering in a Multi-Lingual Context. 26 June 2011, Suquamish, United States.
- 2010** Antske Fokkens. A comparative study of auxiliary implementations for the Matrix customization system. 2 July 2010. Paris, France.
- 2009** Antske Fokkens. Word order phenomena in Grammar Engineering. 21 July 2010. Barcelona, Spain.
- 2007** Identifying Nominalisation Compounds. Presented at: Computational Linguistics in the Netherlands (CLIN) 2007. Abstract

ACADEMIC SERVICE

**Area Chair**

COLING 2018

**Session Chair**

Semantics. 26 January 2018. Computational Linguistics In the Netherlands, Nijmegen, The Netherlands.

Stylometry 2. 14 July 2016. Digital Humanities Conference, Krakow, Poland.  
Plenary Presentation Session. 17 June 2016. DELPH-IN Summit, Stanford University. Palo Alto, USA.

Treebanking and evaluation. 17 July 2014. DELPH-IN Summit, Tomar, Portugal.

Site updates. 30 July 2013. DELPH-IN Summit, St. Wendel, Germany.

Syntax and Grammars. 16 December 2011. PACLIC conference, Singapore.

### **Reviewing**

2018 Conferences: DH

Journals: LRE, JWS

2017 Conferences: NLDB, ESWC, EMNLP, EACL, ISWC, CLiC-it, WWW, LREC

Workshops: LaTeCH, KnowRSH, LTDHCSEE

2016 Conferences: GWC, EKAW, WWW, NLDB, DH, LREC, COLING

Workshops: LaTeCH, CHDH

2015 Conferences: ACL, DH, NLDB, DHBenelux, HPSG, ISWC

Workshops: LaTeCH, DIR, RRNLP

2014 Conferences: LREC, EKAW, CLIC, ISWC

2013 Workshops: LiSC, SWAIE

2012 Conference: LREC

2011 Workshop: Distributional Semantics and Compositionality (DiSCo)

2010 Conference: KONVENS

2009 Conference: EACL System Demonstrations

### LANGUAGE SKILLS

**Dutch** Native language

**English** Highly fluently spoken and written

**German** Highly fluently spoken, intermediately written

**French** Fluently spoken and written